

Please replace the paragraph beginning at page 71, line 21, with the following:

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-- The plates of the Source GeneBank were used to multiply inoculate a single plate (the "Condensed Plate") containing in each well 200 μ L of LB Amp/Meth, glycerol. This step was performed using the High Density Replicating Tool (HDRT) of the Beckman BIOMEK® with a 1% bleach, water, isopropanol, air-dry sterilization cycle in between each inoculation. Each well of the Condensed Plate thus contained 10 to 12 different pBLUESCRIPT® clones from each of the source library plates. The Condensed Plate was grown for 16 h at 37° C. and then used to inoculate two white 96-well Polyfiltronics microtiter daughter plates containing in each well 250 μ L of LB Amp/Meth (without glycerol). The original condensed plate was put in storage -80° C. The two condensed daughter plates were incubated at 37° C. for 18 h/ --

In the claims:

Please cancel claims 1-92, without prejudice.

Please add claims 93-119.

-- 93. (New) A purified polypeptide having at least 50% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

94. (New) The purified polypeptide having about 50% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

95. (New) The purified polypeptide of claim 93 having at least 55% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

96. (New) The purified polypeptide of claim 93 having at least 60% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

97. (New) The purified polypeptide of claim 93 having at least 65% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

98. (New) The purified polypeptide of claim 93 having at least 70% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

99. (New) The purified polypeptide of claim 93 having at least 75% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

100. (New) The purified polypeptide of claim 93 having at least 80% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

101. (New) The purified polypeptide of claim 93 having at least 85% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

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102. (New) The purified polypeptide of claim 93 having at least 90% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

103. (New) The purified polypeptide of claim 93 having at least 95% sequence homology to a polypeptide having a sequence as set forth in SEQ ID NO:4 as determined by analysis with a sequence comparison algorithm or FASTA version 3.0t78 with the default parameters and having α -galactosidase activity.

104. (New) A purified polypeptide having a sequence as set forth in SEQ ID NO:4.

105. (New) A purified polypeptide comprising at least 10 consecutive amino acids of the polypeptide of any one of claims 93 to 104 and having α -galactosidase activity.

106. (New) A purified polypeptide comprising at least 15 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

107. (New) A purified polypeptide comprising at least 20 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

108. (New) A purified polypeptide comprising at least 25 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

109. (New) A purified polypeptide comprising at least 30 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

110. (New) A purified polypeptide comprising at least 35 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

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111. (New) A purified polypeptide comprising at least 40 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

112. (New) A purified polypeptide comprising at least 50 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

113. (New) A purified polypeptide comprising at least 75 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

114. (New) A purified polypeptide comprising at least 100 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

115. (New) A purified polypeptide comprising at least 150 consecutive amino acids of the polypeptide of any one of claims 93, 94, and 104 and having α -galactosidase activity.

116. (New) A purified polypeptide encoded by a sequence as set forth in SEQ ID NO:3, or variants thereof, having at least 50% sequence identity to SEQ ID NO:3, wherein the polypeptide has α -galactosidase activity and is able to renature and regain activity after exposure to temperatures of about 60 degrees C to about 105 degrees C.

117. (New) A purified polypeptide encoded by a sequence as set forth in SEQ ID NO:3, or variants thereof, having at least 50% sequence identity to SEQ ID NO:3, wherein the polypeptide catalyzes the enzymatic hydrolysis of saccharides.

118. (New) An enzyme preparation comprising the polypeptide of claim 93 or claim 94 which is a liquid.

119. (New) An enzyme preparation comprising the polypeptide of claim 93 or claim 94 which is dry. --

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